

AMENDMENTS TO THE DRAWINGS

The attached "Replacement Sheet" of drawings includes changes to Figure(s) 1.

The attached "Replacement Sheet," which includes Figure 1, replaces the original sheet including Figure 1.

REMARKS

Claims 1-39 are now pending in the application. Claims 1, 26, and 27 are the independent claims. Claims 1-5, 7, 8, 19, 21, 25, 27, 29-31, 33, 35, 36, 38, and 39 are amended to alleviate the Examiner's informal objections to claims 1-25 and 27-39. Claims 1 and 27 are amended to overcome the rejection of claims 1-25 and 27-39 under 35 U.S.C. § 101. Claims 1, 26, and 27 are amended to overcome rejections of the claims under 35 U.S.C. §§ 102 and 103. Claims 40 and 41 are added. Support for the amendments and additions can be found in the originally filed specification at Figure 2 and related description at paragraphs [0027]-[0034]. The Examiner is respectfully requested to reconsider and withdraw the rejection(s) in view of the amendments and remarks contained herein.

DRAWINGS

The drawings stand objected to for certain informalities. Applicant(s) have attached revised drawings for the Examiner's approval. In the "Replacement Sheet(s)" Figure 1 has been revised to label the MPEG-7 server 30 as requested by the Examiner. Accordingly, Applicants respectfully request the Examiner reconsider and withdraw the objection to the Drawings.

CLAIM OBJECTIONS

Claims 1-25 and 27-39 stand objected to for certain informalities. Applicants have amended the Claims according to the Examiner's suggestions. Therefore, reconsideration and withdrawal of this objection are respectfully requested.

REJECTION UNDER 35 U.S.C. § 101

Claims 1-25 and 27-39 stand rejected under 35 U.S.C. § 101 as being directed to non-statutory subject matter. This rejection is respectfully traversed.

Claims 1 and 27 are amended to overcome the rejection of claims 1-25 and 27-39 under 35 U.S.C. § 101. For example, each of claims 1 and 27 has been amended to recite “storing in a computer readable medium descriptions of media flows in one or more networks, including source device and network, destination device and network, media flow type, and required bandwidth.” Therefore, Applicants respectfully submit that claims 1 and 27, especially as amended, recite statutory subject matter.

Accordingly, Applicants respectfully request the examiner reconsider and withdraw the rejection of claims 1-25 and 27-39 under 35 U.S.C. § 101.

REJECTION UNDER 35 U.S.C. § 102

Claims 1, 2, and 8-29 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Ewert et al. (U.S. Pat. App. Pub. No. 2001/0034586). This rejection is respectfully traversed.

The teachings of Ewert et al. are generally directed toward a method for monitoring and controlling home security systems and other functions via a network. In particular, the Examiner relies on Ewert et al. to teach a controller generating load characteristics at page 2, paragraph [0032]. Ewert et al., however, do not teach a flow information service storing in a computer readable medium descriptions of media flows in the surveillance, including source device and network, destination device and network, media flow type, and required bandwidth. Nor do Ewert et al. teach a controller that receives operation requests, determines load characteristics of the one or

more devices based on the descriptions of media flows, and allocates the one or more devices to the operation requests according to load characteristics.

Applicants' claimed invention is generally directed to a resource manager for a security system network. In particular, Applicants' claimed invention is directed towards a flow information service storing in a computer readable medium descriptions of media flows in the surveillance, including source device and network, destination device and network, media flow type, and required bandwidth, and a controller that receives operation requests, determines load characteristics of the one or more devices based on the descriptions of media flows, and allows users to dynamically change an allocation policy of one or more devices to the operation requests according to load characteristics. For example, independent claim 1, especially as amended, recites, "a flow information service storing in a computer readable medium descriptions of media flows in one or more networks, including source device and network, destination device and network, media flow type, and required bandwidth ... and a controller that receives operation requests, determines load characteristics of the one or more devices based on the descriptions of media flows, and allows users to dynamically change an allocation policy of the one or more devices to the operation requests according to the combination of weighted score of user defined data placement preference, load characteristics and network communication cost associated with the media flows". Independent claims 26 and 27, especially as amended, recites similar subject matter. Support for the amendments can be found in the originally filed application at Figure 2 and related discussion at paragraphs [0027]-[0034]. Therefore, Ewert et al. and Nozaki fail to teach, suggest, or motivate all of the limitations of the independent claims.

Accordingly, Applicants respectfully request the Examiner reconsider and withdraw the rejections of claims 3-7 and 30-39 under 35 U.S.C. § 103(a) in view of their dependence from claims 1 and 27. New claims 40 and 41 also depend from claim 1 and should be allowed for the same reason.

REJECTION UNDER 35 U.S.C. § 103

Claims 3-7 and 30-39 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Ewert et al. (U.S. Pat. App. Pub. No. 2001/0034586) in view of Nozaki (U.S. Pat. No. 6,128,644). This rejection is respectfully traversed.

The teachings of Ewert et al. are generally directed toward a method for monitoring and controlling home security systems and other functions via a network. In particular, the Examiner relies on Ewert et al. to teach a controller generating load characteristics at page 2, paragraph [0032]. Ewert et al., however, do not teach, suggest, or motivate a flow information service storing in a computer readable medium descriptions of media flows in the surveillance, including source device and network, destination device and network, media flow type, and required bandwidth. Nor do Ewert et al. teach, suggest, or motivate a controller that receives operation requests, determines load characteristics of the one or more devices based on the descriptions of media flows, and allocates the one or more devices to the operation requests according to load characteristics.

The teachings of Nozaki are generally directed toward a load distribution system for distributing load among a plurality of servers on a WWW system. The Examiner relies on Nozaki to teach generating a graphical representation of server load characteristics. However, Nozaki does not teach, suggest, or motivate a flow

information service storing in a computer readable medium descriptions of media flows in the surveillance, including source device and network, destination device and network, media flow type, and required bandwidth. Nor does Nozaki teach, suggest, or motivate a controller that receives operation requests, determines load characteristics of the one or more devices based on the descriptions of media flows, and allocates the one or more devices to the operation requests according to load characteristics.

Applicants' claimed invention is generally directed to a resource manager for a security system network. In particular, Applicants' claimed invention is directed towards a flow information service storing in a computer readable medium descriptions of media flows in the surveillance, including source device and network, destination device and network, media flow type, and required bandwidth, and a controller that receives operation requests, determines load characteristics of the one or more devices based on the descriptions of media flows, and allocates the one or more devices to the operation requests according to load characteristics. For example, independent claim 1, especially as amended, recites, "a flow information service storing in a computer readable medium descriptions of media flows in one or more networks, including source device and network, destination device and network, media flow type, and required bandwidth ... and a controller that receives operation requests, determines load characteristics of the one or more devices based on the descriptions of media flows, and allows users to dynamically change an allocation policy of the one or more devices to the operation requests according to the combination of weighted score of user defined data placement preference, load characteristics and network communication cost associated with the media flows." Independent claim 27, especially as amended,

recites similar subject matter. Support for the amendments can be found in the originally filed application at Figure 2 and related discussion at paragraphs [0027]-[0034]. Therefore, Ewert et al. and Nozaki fail to teach, suggest, or motivate all of the limitations of the independent claims.

Accordingly, Applicants respectfully request the Examiner reconsider and withdraw the rejections of claims 3-7 and 30-39 under 35 U.S.C. § 103(a) in view of their dependence from claims 1 and 27. New claims 40 and 41 also depend from claim 1 and should be allowed for the same reason.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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